

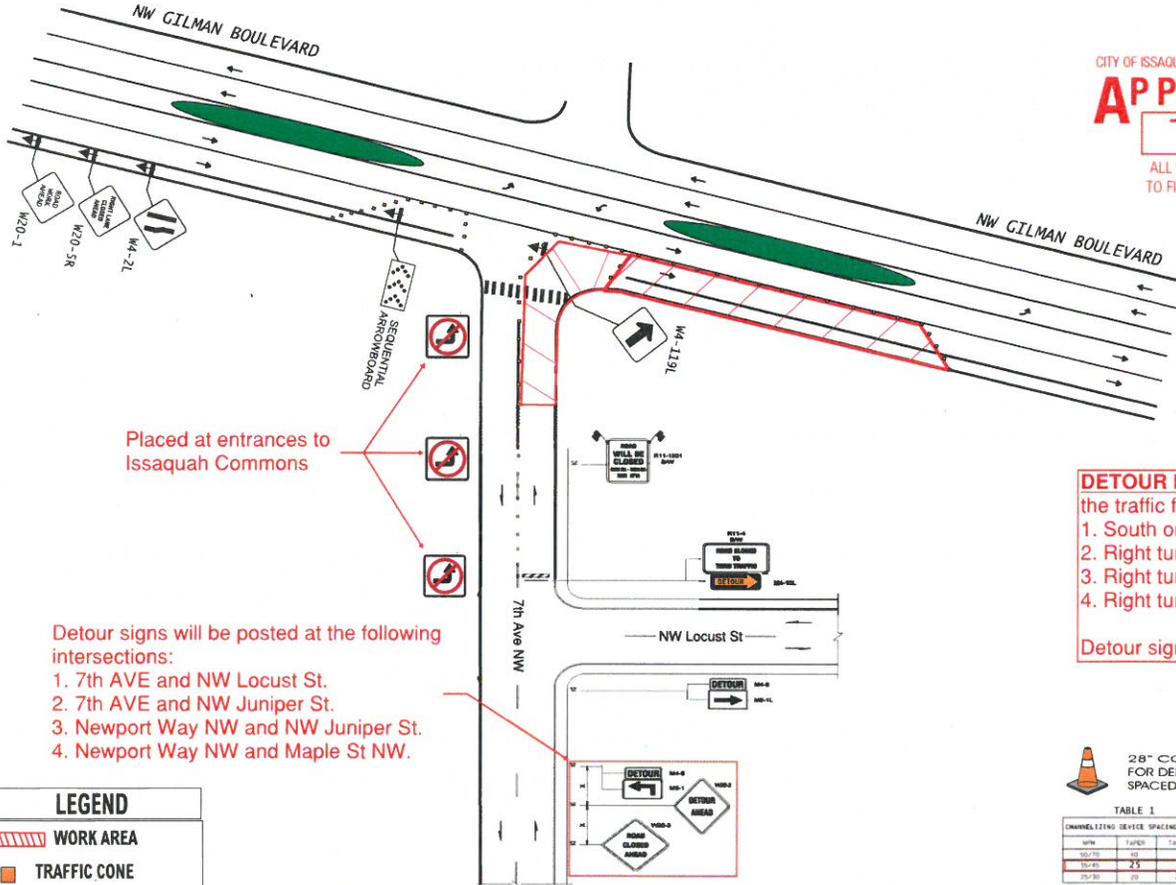
TRAFFIC CONTROL PLAN

ISSAQUAH

Permit # SW14-00030



CITY OF ISSAQUAH - ENGINEERING REVIEW
APPROVED
TM
 ALL WORK SUBJECT TO FIELD INSPECTION
 04/24/2014



Placed at entrances to Issaquah Commons

Detour signs will be posted at the following intersections:
 1. 7th AVE and NW Locust St.
 2. 7th AVE and NW Juniper St.
 3. Newport Way NW and NW Juniper St.
 4. Newport Way NW and Maple St NW.

TYPICAL RIGHT LANE ON NW GILMAN BLVD AND NB TH AVE NW CLOSURE

Street improvement work for Gilman Blvd.
 Monday - Friday 9:00 am - 3:00 pm

DETOUR PLAN: When northbound traffic on 7th AVE is closed for construction as shown, the traffic from the Issaquah Commons will be rerouted back to Gilman Blvd as follows:
 1. South on 7th AVE
 2. Right turn at the intersection of 7th AVE NW and NW Juniper St, heading west.
 3. Right turn at Newport Way, heading west.
 4. Right turn at Maple St NW, bringing traffic to a signalized intersection at NW Gilman Blvd.
 Detour signs will be posted at each of the intersections mentioned above.

GENERAL NOTES

1. ALL SIGNS AND SPACING SHALL CONFORM TO THE MUTCD TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
2. PRIORITY PASSAGE THROUGH WORK AREA FOR EMERGENCY VEHICLES SHALL BE PROVIDED AT ALL TIMES.
3. ALERT METRO TRANSIT 5 DAYS IN ADVANCE.
4. PROTECTIVE VEHICLE RECOMMENDED-MAY BE A WORK VEHICLE.
5. DEVICES SHOULD NOT ENCROACH INTO ADJACENT LANES.
6. ALL SIGNS min. 30" X 30" B/O UNLESS OTHERWISE SPECIFIED.
7. CHANNELIZATION DEVICES ARE 28" REFL. CONES. (see TABLE 1 for spacing distances).
8. ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE AT-GRADE INTERSECTIONS AND/OR DRIVEWAYS.

LEGEND

- WORK AREA
- TRAFFIC CONE
- EXISTING TRAFFIC FLOW
- SIGN LOCATION

Kyle D Smith
 Project Manager
 22821 NE Redmond-Fall City Rd
 Redmond, WA 98053
 (425)260-9518 Cell
 (425)641-4242 Office



TRUCKING & EXCAVATING

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	55	85	120	170	220	280	335	405	-	-

PROTECTIVE VEHICLE WITH TMA ROLL AHEAD DISTANCE

TYPICAL PROTECTIVE VEHICLE TYPE WITH TMA	TYPICAL PROTECTIVE VEHICLE WITH TMA LOADED HEIGHT (LBS)	STATIONARY OPERATION (feet)
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT IS 10,000 LBS. MAXIMUM HEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION	30 MIN.

ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT
 *A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TMA IS AVAILABLE. IF NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED IN THE FIELD TO SHIELD WORKERS AND NO ROLL AHEAD DISTANCE IS SPECIFIED.

SIGN SPACING = X (feet)

Rural Highways	60/65 MPH	1000'+-
Rural Roads	45/55 MPH	500'+-
Rural Roads & Urban Arterials	35/40 MPH	350'+-
Rural Roads, Urban Streets Residential & Business Districts	25/30 MPH	200'+-
Urban Streets	25 MPH or LESS	100'+-

ALL SIGNS ARE 48" X 48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

MINIMUM TAPER LENGTH = L (feet)

LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

28" CONES FOR DELINEATION SPACED @ 15'

TABLE 1

CHANNELIZING DEVICE SPACING (FEET)	MIN	TAPER	TANGENT
50/75	105	150	205
60/90	125	180	245
70/105	150	225	300

ALL SIGNS AND SPACING TO CONFORM TO THE MUTCD AND THE CITY OF ISSAQUAH